

## ABSTRACT

A process of manufacturing tissue implant products with optimum use of material from  
5 irregularly shaped tissue stock. Also disclosed is a process of imaging tissue used for  
implant manufacture wherein data obtained from an imaging device, interfaces with a  
computer software system to create a production-yield analysis. By automating the  
evaluation and allocation processes associated with manufacture of implants, the current  
invention maximizes the amount of tissue recovered from donated samples, increases  
10 processing efficiency, decreases cost of production by eliminating the need for post  
machining sterilization, and improves the quality of product produced.